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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/822,686	03/30/2001	Thomas N. Turba	#RA 5362 (33012/309/101)	9229
27516 7590 05/15/2007 UNISYS CORPORATION MS 4773 PO BOX 64942 ST. PAUL, MN 55164-0942			EXAMINER NGUYEN, MERILYN P	
			ART UNIT 2163	PAPER NUMBER
			MAIL DATE 05/15/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/822,686	Applicant(s) TURBA ET AL.	
	Examiner Merilyn P. Nguyen	Art Unit 2163	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 April 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input checked="" type="checkbox"/> Other: <u>Detailed action</u> . |

DETAILED ACTION

1. In response to the communication dated 04/05/2007, claims 1-20 are pending in this office action.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/05/2007 has been entered.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1 and 6 stand rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claims 1 and 6, nowhere in the original specification describes or support “a Data Wizard located within said server” wherein said server in the claim containing a data base

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management system. Figure 3 and pages 23, lines 7-8 and page 24, lines 1-3 of specification say nothing about “a Data Wizard located within said server” wherein said server in the claim containing a data base management system. For example, Applicants state, “The Cool ICE system is resident in web server 50” (page 23, lines 7-8, Specification) and “the enterprise data and enterprise data base management service functionality typically resides within enterprise server 54” (page 24, lines 1-3, Specification) which clearly point out that the Data Wizard of Cool Ice system is resident in web server 50 while database management system data and service resides within enterprise server 54. Thus, it clearly points out that the Data Wizard located within web server 50 (Fig. 3 also Fig. 14) and the data base management system is located on different server such as enterprise server 54.

Moreover, claim 1 recites “build said service as a plurality of discreet and independent steps **corresponding** to said ordered sequence of command language script” which renders the claim vague and indefinite because it is unclear from the specification how the plurality of discrete and independent steps correspond to the ordered sequence of command language script.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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4. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Glaser (US 6,058,264).

Regarding claim 1, Glaser discloses in a data processing system (Figs. 1-4) comprising:

- a. a server containing a data base management system having a plurality of customized user interface components stored therein; (See Fig. 3, Figs. 7A-7G)
- b. a user terminal (Client Computer 102, Fig. 1) operated by a user which builds a service using said plurality of customized user interface components (See col. 3, lines 49-56) providing a related sequence of manipulations of data within a data base management system (RDBMS 126, Fig. 1) which responds to said service by executing an ordered sequence of command language script (See col. 4, lines 21-35) coupled to said user terminal via a publicly accessible digital data communication network (Network Server 110, Fig. 1);
- c. a data wizard (Extender Smart Guide 422, Fig. 4) located within said server which assists said user to build said service as a plurality of discrete and independent steps (See Fig. 7A-7G) corresponding to said ordered sequence of command language script (See col. 6, lines 1-23 and col. 9, lines 20-31); and
- d. a save component module within said data base management system which stores said plurality of discrete and independent steps for individual subsequent use (See col. 9, lines 14-40).

Regarding claim 6, Glaser discloses apparatus comprising:

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- a. a user terminal (Client Computer 102, Fig. 1) having a plurality of customized user interface components (See Fig. 7A-7G) which creates a service request for modification of data within a data base (See col. 3, lines 49-56);
- b. a server containing (See Fig. 3) a data base management system (RDBMS 126, Fig. 1) coupled to said user terminal via a publicly accessible digital data communication network (Network Server 110, Fig. 1) having a data base which stores said plurality of customized user interface components and supplies said plurality of customized user interface components to said user terminal and which responds to said service request by execution of an ordered sequence of command language statements (See col. 4, lines 21-35); and
- c. a data wizard (Extender Smart Guide 422, Fig. 4) coupled to said user terminal and located within said sever which enables said service request to be defined from said user terminal in accordance with a plurality of discrete and independent steps (See Fig. 7A-7G);
- d. a service storage module located within said database management system which stores said service request as said plurality of discreet and independent steps (See Figs. 7A-7G) within said data base for future individual use of each of said plurality of discreet and independent steps (See col. 9, lines 14-40).

Regarding claim 11, Glaser discloses a method of dynamically building a service which modifies data within a data base (Figs. 7A-7G, and col. 3, lines 49-56) from a user terminal (Client Computer 102, Fig. 1, Glaser at el.) coupled via a publicly accessible digital data network

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(Network Server 110, Fig. 1) to a remote data base management system (RDBMS 126, Fig. 1) which responds to said service by executing an ordered sequence of command language script having a service building process (See cols. 6-9). Glaser teaches building a customized user interface from a plurality of components stored within said data base (See col. 7, lines 25-29). Glaser teaches an ordered sequence of steps at Fig. 7A through Fig. 7G. Glaser presents a subsequent discreet and independent step ordered subsequently to said previous discreet and independent step at Fig. 7C and col. 8, lines 5-10 wherein user can select to either adding, deleting or updating attributes. After chosen the desired attributes, the user click "next" to proceed next one of the order sequence of steps (Fig. 7D). This process repeats until user click "Finish" to complete the service (768, Fig. 7G). Glaser further discloses storing said completed service as a plurality of said discreet and independent steps within said remote data base management system for future individual use (See col. 9, lines 14-40).

Regarding claim 16, Glaser discloses an apparatus comprising:

- a. permitting means for permitting a user to access publicly accessible digital data communication network (See Browser 108, Fig. 1, and col. 3, line 67 to col. 4, line3) via a customized user interface having a plurality of components (See Figs 7A-7G);
- b. providing means (Database Server 122, Fig. 1) coupled to said permitting means via said publicly accessible digital data communication network for providing data base management services which stores said plurality of components (See col. 3, lines 50-56 and col. 4, lines 21-36);

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- c. designing means (See col. 7, lines 18-25) couple to said permitting means and located within said responding means for designing a service through specification of an ordered plurality of discreet and independent steps (See Figs. 7A-6G); and
- d. storing means (Storage device 124) located within said providing means for storing said service as said ordered plurality of discreet and independent steps for subsequent individual usage (See col. 9, lines 14-40).

Regarding claims 2, 7 and 18, Glaser discloses said publicly accessible digital data communication network further comprises the Internet (See col. 3, line 67 to col. 4, line 1).

Regarding claims 3, 9, 13-14 and 20, Glaser discloses said user terminal further comprises an industry compatible personal computer (Client Computer 102, Fig. 1, Glaser at el.) having a commercially available browser (Browser 108, Fig. 1).

Regarding claims 4, 8, and 17, Glaser discloses said data wizard permits said user to define and edit each step in said plurality of steps independently of each of the other steps in said plurality of steps (See col. 8, lines 14-16 and lines 30-54 and col. 9, lines 36-40, wherein each of said steps is edited independently of any other steps as the user can always go back and make modifications, See Figs. 7A-7G).

Regarding claim 5, 10, 15, and 19, Glaser discloses a commercial available data base management system (See col. 3, lines 49-56, wherein Glaser system is primarily targeted to

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enterprise customers. Since the system targets on enterprise customers, the system relating to economic business thus database management system of Glaser is commercially. Also one having ordinary skill in the art would have been recognized that relational database management system is commercial database management system).

Regarding claim 12, Glaser further discloses editing said first discrete and independent step without modification to said second discrete and independent step (See col. 8, lines 14-16 and lines 30-54 and col. 9, lines 36-40, wherein each of said steps is edited independently of any other steps as the user can always go back and make modifications, See Figs. 7A-7G).

5. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Bae (US 6,295,531).

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

Regarding claim 1, Bae discloses in a data processing system (Fig. 3) comprising:

a. a server (Fig. 3) containing a data base management system having a plurality of customized user interface components stored therein (See Fig. 10);

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b. a user terminal (Client Computer 46, Fig. 3) operated by a user which builds a service using said plurality of customized user interface components (See col. 8, lines 7-17) providing a related sequence of manipulations of data within a data base management system (See col. 6, lines 1-9) which responds to said service by executing an ordered sequence of command language script (See col. 8, lines 34-43) coupled to said user terminal via a publicly accessible digital data communication network (reference 16, Fig. 1);

b. a data wizard (Data Wizard 302, Fig. 10) located within said server which assists said user to build said service as a plurality of discrete and independent steps (See Fig. 10, and col. 13, line 61 to col. 14, line 21) corresponding to said ordered sequence of command language script (See col. 14, lines 41-44); and

c. a save component module within said data base management system which stores said plurality of discrete and independent steps for individual subsequent use (Save query definition 340, Fig. 10).

Regarding claim 6, Bae discloses apparatus comprising:

a. a user terminal (Client Computer 46, Fig. 3) having a plurality of customized user interface components which creates a service request for modification of data within a data base (See col. 6, lines 1-9);

b. a server (Fig. 3) containing a data base management system (data base management system such as MAPPER database management system, col. 5, line 63-65) coupled to said user terminal via a publicly accessible digital data communication network (reference 16, Fig. 1) having a data base which stores said

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plurality of customized user interface components and supplies said plurality of customized user interface components to said user terminal and which responds to said service request by execution of an ordered sequence of command language statements (See col. 8, lines 34-43); and

c. a data wizard (Data Wizard 302, Fig. 10) coupled to said user terminal and located within said server which enables said service request to be defined from said user terminal in accordance with a plurality of discrete and independent steps (See Fig. 10, and col. 13, line 61 to col. 14, line 21);

d. a service storage module (Save query definition 340, Fig. 10) located within said database management system which stores said service request as said plurality of discrete and independent steps within said data base for future individual use of each of said plurality of discrete and independent steps (See Fig. 10, and col. 13, line 61 to col. 14, line 21).

Regarding claim 11, this claim recites similar limitation as addressed above in claims 1 and 6, thus rejected on the same ground.

Regarding claim 16, Bae discloses an apparatus comprising:

a. permitting means (Client 46, Fig. 3) for permitting a user to access publicly accessible digital data communication network (reference 16, Fig. 1) via a customized user interface having a plurality of components (See Fig. 10);

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b. providing means (Enterprise server 54, Fig. 3) responsively coupled to said permitting means via said publicly accessible digital data communication network for providing data base management services (See col. 6, lines 1-9);

c. designing means (Web server 50, Fig. 3) responsively couple to said permitting means (Client 46, Fig. 3) and said providing means for designing a service through specification of an ordered plurality of discreet and independent steps (See Fig. 10, and col. 13, line 61 to col. 14, line 21); and

d. storing means (Save query definition 340, Fig. 10) located within said providing means for storing said service as said ordered plurality of discreet and independent steps for subsequent individual usage (See col. 14, lines 41-51).

Regarding claims 2, 7 and 18, Bae discloses said publicly accessible digital data communication network further comprises the Internet (See col. 3, lines 60-62).

Regarding claims 3, 9, 13-14 and 20, Bae discloses said user terminal further comprises an industry compatible personal computer (Client 46, Fig. 3) having a commercially available browser (See col. 7, lines 40-45).

Regarding claims 4, 8, and 17, Bae discloses said data wizard permits said user to define and edit each step in said plurality of steps independently of each of the other steps in said plurality of steps (See Figs. 10 and 11).

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Regarding claim 5, 10, 15, and 19, Bae discloses a commercial available data base management system (See col. 5, line 66 to col. 6, line 9).

Regarding claim 12, Bae further discloses editing said first discrete and independent step without modification to said second discrete and independent step (See Figs. 10 and 11).

Response to Arguments


6. Applicant's arguments filed on 04/05/2007 with respect to claims 1-20 have been fully considered but they are not persuasive. Applicant's arguments are a rehashing of issues already addressed in the previous office actions. Please see responses in the previous office actions.

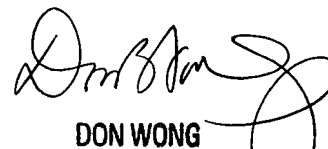
Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marilyn P Nguyen whose telephone number is 571-272-4026.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone numbers for the organization where this application or proceeding is assigned are 571-273-8300 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.


MN
May 10, 2007


DON WONG
SUPERVISORY PATENT EXAMINER
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